

A2D2

Newsletter

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
VOLUME 1, NUMBER 2
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

Atari Association of Desert Dwellers
An official publication of the Tri-
Cities Atari Computer Enthusiasts
Users Group

XXXXXXXXXXXXXXXXXXXX NEXT MEETING XXXXXXXXXXXXXXXXXXXX

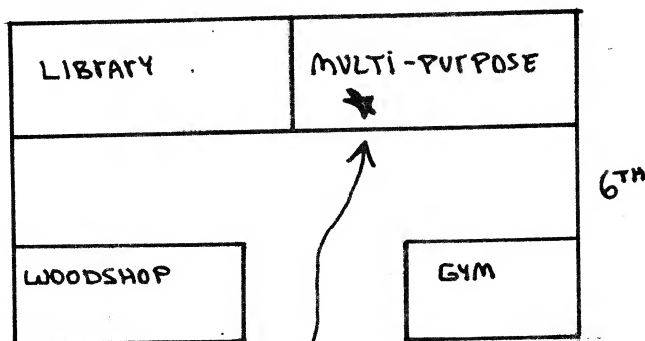
The next A2D2 meeting is set for March 17 at 7:00 o'clock at the Kennewick High School in the multi-purpose room. See map in this issue for location. Again, bring your computer systems, as this gives more members a chance to share and learn about ATARI!

As a bonus, Ted from KENNEWICK COMPUTER COMPANY will be demonstrating the new ATARI 1200XL 64K computer! This should be very informative, so all those interested should attend!

AND, everyone who has modified the QUEST program should bring it in for review! All the modified programs will be run and judged, with prizes to be awarded to the most original and interesting programs. Decision of the Judges (whoever they may turn out to be!) is final. We're looking forward to this!

KENNEWICK HIGH SCHOOL

DAYTON (FRONT)



PARKING (rear of school)

XXXXXXXXXXXXXXXXXXXX SECRETARY'S NOTES XXXXXXXXXXXXXXXXXXXX

The February meeting was called to order at 7:09 PM, February 17, 1983 in the Kennewick High School in room 401 by the President Larry Williams.

The first item was a discussion of the agenda for the meetings. The Officers will have a business meeting before the general meeting. All business will be conducted at this earlier meeting and the results of major decisions will be announced in the general meeting. The general meeting will consist of a Presentation and jam sessions and will minimize business.

Brian Schroeder (Vice-President) will coordinate the drafting of a constitution and by-laws. A draft of the constitution and bylaws will be printed in the newsletter and the members will vote on them for adoption.

Volunteers were requested for the new officer position of Program Chairman, who will be responsible for arranging for the Presentation during each meeting. Volunteers should contact Larry Williams (783-8554).

Dues were set at \$12 per year. Anyone who joins later than January will have their dues Pro-rated. For example, those joining in March will pay \$10 for the remaining 10 months in the year.

Rick Raymond (Secretary) agreed to lead a class in beginning basis at the next meeting provided at least 5 people attended. (More about this elsewhere in the newsletter...Ed.)

The Program Library was discussed. All library programs will be strictly Public Domain and therefore no copyrighted material will be allowed into the library.

Larry Williams made a presentation of a new operating system card which he has purchased. The new card is called RAM-ROD and has many powerful and attractive features. It sells for \$159.95 and is compatible with the Fast-Chip (see local dealers for more info).

The formal meeting adjourned at about 7:45. The members then had a general jam session around the four Atari systems set up for the meeting. Several items from the Library were made available for copying.

The last members left about 10:00 PM.

--Rick Raymond

XXXXXXXXXXXXXXXX KIDS' CORNER XXXXXXXXXXXXXXXXXXXX

Have you ever wondered how basic programs make those neat little tunes for their games? Well, here's how...

```
10 RESTORE:REM RESET DATA LINES
20 TRAP 10:REM IF ANY ERRORS OCCUR GOTO 10
30 READ S:REM PULL FIRST NOTE OFF DATA LINE
40 SOUND 0,S,10,10:REM PRODUCE SOUND
50 SOUND 1,S+1,10,10:REM BLEND NOTES
60 FOR X=1 TO 200:NEXT X:REM WAIT A WHILE
70 SOUND 0,0,0,0:SOUND 1,0,0,0:REM TURN OFF SOUND
80 GOTO 20:REM GET NEXT SOUND
90 DATA 80,80,80,0,80,80,80,0,80,67,99,90,80,0,0,
    0,75,75,75,75,75, 78,78,78,67,67,75,89,99,0,0,
    0,0,0
100 REM LINE 90 STORE DATA FOR TUNE
```

In later issues, I will include some other DATA for line 90 to play other tunes.

In answer to the Editor's note about the cursor on the rainbow (last newsletter), you POKE 755,0 after GR.0 and before the other POKES. Also try POKE 755,4 and see what happens. (DICK LOME also had the solution to the cursor question! Ed.)

— Eric Hobbs

XXXXXXXXXXXXXXXX ATARI LOGO XXXXXXXXXXXXXXXXXXXX

This program creates a scrolling rainbow ATARI Logo. It uses an adaptation of Eric Hobbs' routine in the first newsletter. Type in the program exactly as shown. Take special care to insure that the DATA statements are correct. When the program is run, only SYSTEM RESET will get you out of it once the rainbow starts.

```
10 GR. 7:COLOR 1
15 SETCOLOR 2,0,0:POKE 752,1:PRINT:PRINT:PRINT "
    [six spaces] ATARI PERSONAL COMPUTERS"
19 REM ** PLOT LOGO **
20 FOR N=30 TO 71:N2=159-N
30 READ A,B
40 PLOT N,A:DRAWTO N,B:PLOT NX,A:DRAWTO NX,B
50 NEXT N
60 FOR N=75 TO 84:PLOT N,0:DRAWTO N,79:NEXT N
65 REM ** DATA FOR LOGO PLOT **
70 DATA 70,79,70,79,70,79,70,79,70,79,70,79,
    70,79,70,79,70,79
80 DATA 69,79,69,79,69,79,68,78,68,78,68,78,67,68,
    67,77,66,77,66,77
90 DATA 65,76,64,76,64,75,63,75,62,74,61,74,60,73,
    59,72,58,72,57,71
100 DATA 55,70,54,69,52,68,51,67,49,66,46,64,42,
    63,0,61,0,59,0,57
110 DATA 0,54,0,50
9000 REM ROUTINE FOR ROTATING COLORS
10000 FOR X=0 TO 9:READ Y:POKE 1536+X,Y:NEXT X
10010 A=USR(1536)
10020 DATA 141,10,212,142,22,208,232,76,0,6
```

—Greg Silvan

TAKE-A-BYTE INC.

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Kennewick, WA 99336
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NEW Software Rental Plan!!!

**NEW Classes in Basic, Fortran, and
Machine Language!!!**

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of Commodore Products!!!**

****** THE GRAND OPENING CONTINUES!! ******

COME IN AND SEE US!!.....



XXXXXXXXXXXXXXXX OFFICIAL ADDRESSES XXXXXXXXXXXXXXXXXXXX

X	X
X FOR OFFICIAL AZD2 BUSINESS:	X
X	X
X AZD2	X
X c/o Larry Williams	X
X 6114 W. 6th	X
X Kennewick, WA 99336	X
X	X
X FOR OFFICIAL NEWSLETTER BUSINESS:	X
X	X
X AZD2 News	X
X 1780 Fowler, Suite A	X
X Richland, WA 99352	X
X	X

XXXXXXXXXXXXXXXX OFFICIAL ADDRESSES XXXXXXXXXXXXXXXXXXXX

```

1 REM DRAGONFLY
2 REM ORIGINALLY 'THE BUTTERFLY' BY F. MIMS MARCH
3,1982
3 REM TRANSLATED FOR ATARY BY K.M.HAHN AND E.R.
  LOONEY, FEBRUARY 20, 1983
10 X=160:Y=96
20 GR. 24
30 COLOR 1:POKE 710,0
100 PLOT X,Y:DRAWTO X-25,0
110 PLOT X,Y:DRAWTO X+25,0
120 PLOT X,Y-9:DRAWTO X-2,175:DRAWTO X+2,175:DRAWTO
  X,Y-9
200 FOR A=0 TO 180 STEP 3
210 N=X-160+SQR(A*30):IF N<0 THEN N=1
220 PLOT X,Y:DRAWTO N,A
230 NEXT A
300 FOR A=160 TO 191 STEP 2
310 N=X-10*SQR(A):IF N<0 THEN N=1
320 PLOT X,Y:DRAWTO N,A
330 NEXT A
400 FOR B=0 TO 180 STEP 3
410 Q=X+159-SQR(B*30):IF Q>319 THEN Q=319
420 PLOT X,Y:DRAWTO Q,B
430 NEXT B
500 FOR B=160 TO 191 STEP 2
510 Q=X+10*SQR(B):IF Q>319 THEN Q=319
520 PLOT X,Y:DRAWTO Q,B
530 NEXT B
1000 GOTO 1000

```

—K.M.Hahn, E.R.Looney

XXXXXXXXXXXXXXXXX BITS & PIECES XXXXXXXXXXXXXXXXXXXX

The new ATARI 1200XL is in town... some like it, some don't. Sounds like a big debate brewing...(you be the judge; Ted is bringing a 1200XL to the next meeting. Could be fun!)

Watch for the ATARI 400 to drop to a List Price of \$199, with a \$50 Rebate from ATARI (for a total cost of only \$149!)

Watch for USED ATARI 800's to appear soon in town for \$350 with 32K (an extra \$25 gets you 48K).

Word is that Take-A-Byte will be offering classes in Basic, Fortran, and Machine Language very shortly. Also, they have an interesting Software rental plan going with a discount for A2D2 members this month. Contact them for more info.

Both Kennewick Computer and T-A-B have QIX in stock. Watch for ZAXXON and DIG-DUG any day now...

E.R predicts that ATARI prices will plummet by Christmas this year... let's hope he's right!

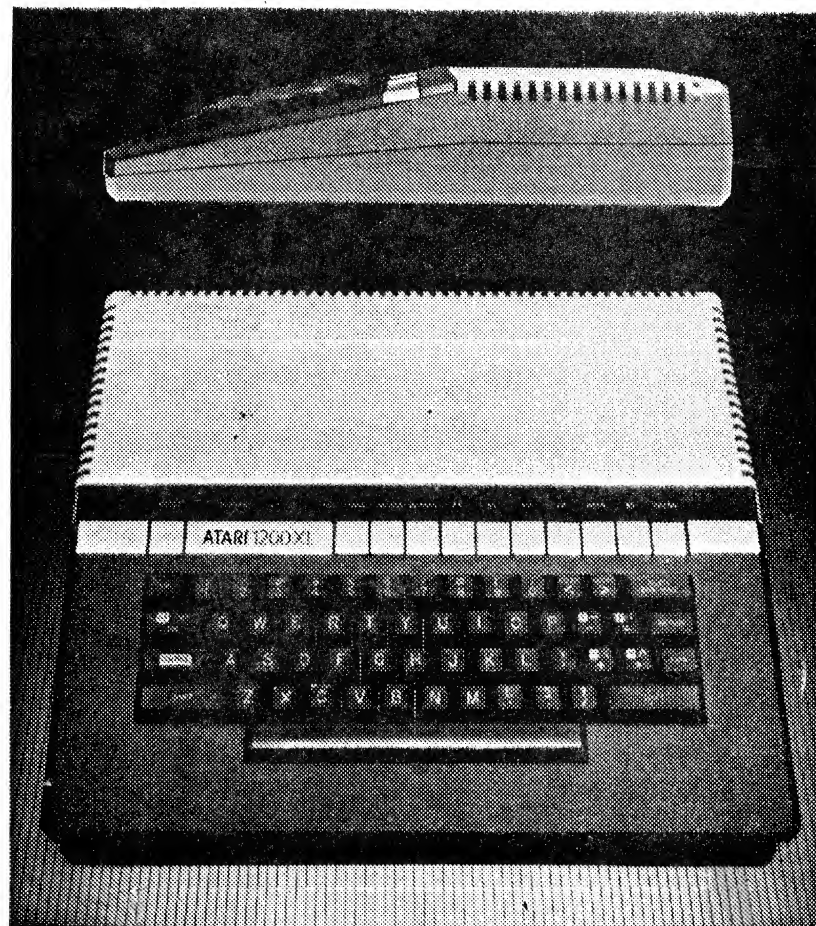
More gossip and goodies next issue...



—John Hickey

KENNEWICK
COMPUTER COMPANY

ANNOUNCES THE ATARI® 1200XL™ HOME COMPUTER WITH 64K MEMORY.



NEW

The new state-of-the-art ATARI 1200XL is now here. Some outstanding features include:

- 64K RAM computing power.
- Compatible with all ATARI software and peripherals.
- 256 brilliant colors and built-in 4-voice sound.
- Electronically lockable full-stroke keyboard.
- Fully programmable help & function keys.
- Comprehensive user self-test system.

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KENNEWICK COMPUTER COMPANY
At the Corner of Kennewick Ave. and Fruitland
Inside the Kennewick Flower Shop
582-5217

***** LIBRARY LISTINGS *****

Beginning with this issue, we will start listing what is available in the A2D2 library. For more information contact Bob Grant our group librarian. Bob is also looking for some help in transferring the disk library to cassette, so if you can help him out, give him a call!

DISK #1	RENUMBER
SIDE #1	DISKLABL
	COMPACT
MMH TXT	SYSTAT BAS
APPLE EAT	MEMDUMP
MESSAGE	BUILD2X BAS
BIOCHART	DUPFAST
COLORSTKB01	DUPFAST COM
NEWCLOCKB01	RTCLOCK
NUM DOC	RTCLOCK OBJ
MICROASMDOC	NODEM
MENTEST DOC	AUTORUN SYS
PATTERN DOC	SYSTAT SYS
ASM DOC	MENU
COLOR DOC	DOS SYS
DOC DOC	DUP SYS
PRINTNOPDOC	2 FREE SECT
DOC	
ASMEDT B01	DISK #2
ASMLDR B01	SIDE #1
ASM B01	
MICROASMB01	DOS SYS
LOADOBJ B01	DUP SYS
ASM OBJ	BASSNOTEBAS
NUM OBJ	DECOMPOS
PATTERN B01	BIGBEN SND
COLOR B01	CELESTE SND
ASM TAB	DULCIMERBAS
PRINTNOPASM	THUNDER SND
COLOR ASM	FLIES SND
MENTEST ASM	SIREN SND
COLOR OBJ	ENGINE SND
PATTERN OBJ	COIN SND
MENTEST OBJ	NOISE SND
MENU	PERCUSINSND
AUTORUN SYS	DOORBELLSD
DOS SYS	PHONE SND
DUP SYS	ALARM SND
ASMTMP TXT	EXPLODE SND
4 FREE SECT	SIREN1 SND
	SIREN2 SND
	TICTOC SND
	KLAXON SND
	BOMB SND
	WHISTLE SND
	WOODSAW SND
	DISK CAT
	HOLYNIGHT
	FLIES ENT
	SIREN ENT
	LAR ENT
	AUTORUN SYS
	MENU
	8 FREE SECT

DISK #2	
SIDE #2	
	DOS SYS
	DUP SYS
	CATS3
	CARD
	FPAGE
	SAMPLE S
	SAMPLE Q
	CATS
	JANE Q
	ANIMAL
	BUG
	DISK CAT
	CATS2
	JANE S
	AUTORUN SYS
	MENU
	9 FREE SECT

DISK #3
SIDE #1

DOS	SYS
DUP	SYS
COVER	
OUTSPACE	
HEXAPAWN	
IBC	
PHARAOH	
P	
MENU	
AUTORUN SYS	
4 FREE SECT	

DISK #3
SIDE #2

MENU	
AUTORUN SYS	
DOS	SYS
DUP	SYS
SURVIVE	
SURVIVE FNT	
3 FREE SECT	



***** SURVEY RESULTS *****

Out of about 170 Newsletters distributed, 17% responded. Although probably not very accurate, here are the results:

What kind of computer(s) do you now own?

80% have Atari 800's;
20% have Atari 400's.

What is the memory capacity (RAM) of your computer?

10% have 16 K;
90% have 48 K.

What do you store your programs on?

20% use Cassette Recorders;
40% use Disk Drives;
40% use both!

What sort of programs are you interested in?
(multiple answers)

90% are interested in Games;
90% are interested in Educational programs;
10% are interested in Business applications;
90% are interested in Home management.

How many programs do you now own?

10% have 0-10;
40% have 11-20;
50% have over 20 programs.

How frequently do you use your computer?

60% use their computers every day;
40% use their computers frequently (several times a week)

What does this tell us? You be the judge (we just tabulate 'em, we don't analyze 'em!)

—John & Dean

***** ONE LINER *****

```
10 TRAP 10: DIM A$(17); OPEN #3,6,0,"D: x,x":
GR.0: FOR X=17064: INPUT #3,A$: POSITION 10,4:X:
?A$: NEXT X: CLOSE #3
```

— Mike Alberton

XX EDITOR'S NOTES XX

From the feedback we have received, the first "new" newsletter was a big success. We really appreciate the comments and suggestions readers have given to us. BUT! We need more material! We know there is a tremendous amount of talent out there, so let's see if we can get some more input into the Newsletter. Speaking of the Newsletter, what do you think the main goal of the Newsletter should be? More program listings? More commentary? Game and other program reviews? Local ATARI news (from the stores and such)? What went on at the meetings? Letters and commentary from the club members? Some combination of all these? It's up to you to decide!!

Also, an error was made last issue regarding the deadline for articles to the Newsletter. The deadline should be the FIRST Thursday of each month! That way we'll be able to get the Newsletter out a little earlier than the day before the meeting! Sorry about that...

GENERAL RUMBLE: There seems to be a lot of grumbling lately about how ATARI is handling their computer line. There are lots of complaints about poor marketing, lack of software support, lack of Dealer support, and the like. As ATARI Users, this should cause us some concern! What is ATARI really doing out there? Are they going to change course and support their own products? Or are we all going to be the proud owners of an obsolete product line? It's generally acknowledged that if it weren't for third-party software there wouldn't be a whole lot you could do with an ATARI! (As someone once said, a computer without software is a boat anchor.) So what are we going to do about this sad state of affairs? We don't know. But we think it's something that needs to be discussed, within the AZD2 and with ATARI. Something to think about...

— Editors Deluxe

XXXXXXXXXXXXXXXXX NEXT NEWSLETTER XXXXXXXXXXXXXXXXXXXXX

- x GAME REVIEWS (Really!)...
- x KIDS CORNER...by Eric Hobbs
- x UPCOMING EVENTS...
- x MORE PROGRAMS...
- x AND MORE!!!

XXXXXXXXXXXXXXXXX BEGINNING BASIC XXXXXXXXXXXXXXXXXXXXX

Immediately after the next General Meeting a class will be held on the BASIC computer language. The location will be announced during the meeting. Those interested in attending may want to purchase the book "Your Atari Computer," published by Osborne/McGraw Hill. It is available at most computer shops.

We hope to have something of interest for most Programmers so even if you are already familiar with BASIC you may want to attend. A discussion-type format will be used so this will not be tightly structured. This will be offered after each meeting so long as there is enough interest to make it worth the time of the discussion leaders.

—Rick Raymond

XXXXXXXXXXXXXXXXX ANOTHER CONTEST! XXXXXXXXXXXXXXXXXXXXX

AZD2 NEEDS A LOGO! That little swirl you see on the front page of the Newsletter is just sort of a stop-gap measure. We need a real, honest-to-goodness logo! And YOU can design it! I'm sure there'll be some sort of prize for this (possibly an adventure game), so sharpen your pencils and get to work! Submit your entries at the meeting in April. Who knows, if it turns out good, we could be making T-Shirts out of it!

XXXXXXXXXXXXXXXXX GROUP INFORMATION XXXXXXXXXXXXXXXXXXXXX

<u>OFFICE</u>	<u>PERSON</u>	<u>PHONE</u>
PRESIDENT	Larry Williams	783-8554
V.PRESIDENT	Bryan Schroeder	375-0462
TREASURER	Randy Yeats	783-6291
SECRETARY	Rick Raymond	967-9330
LIBRARIAN	Bob Grant	783-9239
EDITORS	John Hickey	627-3315
	Dean Martin	783-9858

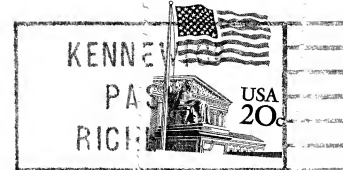
XXXXXXXXXXXXXXXXX AND SO... XXXXXXXXXXXXXXXXXXXXX

That about wraps it up for our second newsletter. If you have any questions or comments, please feel free to write or call us. Until next time...

John & Dean

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
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X Bits & Pieces X
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X New Programs X
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